

## Large Commercial Gym

A big box gym in New Jersey was looking for technology solutions to eliminate unpleasant odors and provide a safe and healthy environment for its members and staff. AIRPHX deployed two PA2400 units in the facility (375,000 cubic feet) and did testing to show the effects of AIRPHX technology.

- Equipment: Two AIRPHX PA2400s
- Testing Dates
  - Pre-Treatment: 11/07/2017
  - In-Treatment: 12/14/2017
- Size: 25,000 sq ft; 15 ft ceilings
- Air and surface testing was conducted throughout the entire building
  - Lab testing of 24 locations confirmed reduction of airborne pathogens by an average of 98.6%
  - Lab testing of 9 locations confirmed reductions of surface pathogens by an average of 99.6%

\* A CFU is a colony forming unit, which is used in microbiology to estimate the number of viable bacteria or fungal cells in a sample.



Air | **98.6% reduction of pathogens**  
Pre-Treatment Results\*: 1,074 cfu/m<sup>3</sup>  
In-Treatment Results: 15 cfu/m<sup>3</sup>

Surface | **99.6% reduction of pathogens**  
Pre-Treatment Results: 22.0 cfu/cm<sup>2</sup>  
In-Treatment Results: 0.1 cfu/cm<sup>2</sup>